

**DECLARATION, POWER OF ATTORNEY, AND PETITION**

To The Commissioner of Patents and Trademarks:

I, Joseph E. Bares, declare:

that I am a citizen of the United States of America residing at 6005 Martin Place, Bartlesville, Oklahoma 74006 and having a post office address of 6005 Martin Place, Bartlesville, Oklahoma 74006;

that I have reviewed and understand the contents of the attached specification and claims and I verily believe I, An-hsiang Wu and Charles A. Drake are the original, first, and joint inventors or discoverers of the invention or discovery in **HYDRODESULFURIZATION CATALYST AND PROCESSES THEREFOR AND THEREWITH** described and claimed therein and for which a patent is sought;

I acknowledge my duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37 Code of Federal Regulations § 1.56;

and I hereby appoint Edward L. Bowman, Registration No. 27,116; Carl D. Corvin, Registration No. 34,569; Ryan N. Cross, Registration No. 33,861; Beverly M. Dollar, Registration No. 32,870; John M. Fish, Jr., Registration No. 25,863; Gary L. Haag, Registration No. 35,529; Bion E. Hitchcock, Registration No. 26,613; Lynda S. Jolly, Registration No. 32,736; Allen W. Richmond, Registration No. 28,662; Lucas K. Shay, Registration No. 34,724; and Charles W. Stewart, Registration No. 34,023; who comprise the firm of **Richmond, Hitchcock, Fish & Dollar, P. O. Box 2443, Bartlesville, Oklahoma, 74005**, Registration No. 20,286; and Archie W. Umphlett, Registration No. 25,935, each attorney a member of the Bar of the State of Oklahoma or the District of Columbia; my representatives with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

I declare further that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of this application or any patent issuing thereon.

Wherefore I pray that Letters Patent be granted to Phillips Petroleum Company, a corporation organized and existing under the laws of the State of Delaware and domiciled and having an office at Bartlesville, Oklahoma, as assignee, for the invention or discovery described and claimed in the foregoing specification and claims, and I hereby subscribe my name to the foregoing specification and claims, declaration, power of attorney and this petition.

Correspondence Address:  
c/o **RICHMOND, HITCHCOCK,  
FISH & DOLLAR  
P.O. Box 2443  
Bartlesville, Oklahoma 74005**

Inventor Joseph E. Bares  
Joseph E. Bares

Date 11/12/2001

**DECLARATION, POWER OF ATTORNEY, AND PETITION**

To The Commissioner of Patents and Trademarks:

I, Charles A. Drake, declare:

that I am a citizen of the United States of America residing at Route 1, Box 206, Nowata, Oklahoma 74048 and having a post office address of Route 1, Box 206, Nowata, Oklahoma 74048;

that I have reviewed and understand the contents of the attached specification and claims and I verily believe I, An-hsiang Wu and Joseph E. Bares are the original, first, and joint inventors or discoverers of the invention or discovery in **HYDRODESULFURIZATION CATALYST AND PROCESSES THEREFOR AND THEREWITH** described and claimed therein and for which a patent is sought;

I acknowledge my duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37 Code of Federal Regulations § 1.56;

and I hereby appoint Edward L. Bowman, Registration No. 27,116; Carl D. Corvin, Registration No. 34,569; Ryan N. Cross, Registration No. 33,861; Beverly M. Dollar, Registration No. 32,870; John M. Fish, Jr., Registration No. 25,863; Gary L. Haag, Registration No. 35,529; Bion E. Hitchcock, Registration No. 26,613; Lynda S. Jolly, Registration No. 32,736; Allen W. Richmond, Registration No. 28,662; Lucas K. Shay, Registration No. 34,724; and Charles W. Stewart, Registration No. 34,023; who comprise the firm of **Richmond, Hitchcock, Fish & Dollar, P. O. Box 2443, Bartlesville, Oklahoma, 74005**, Registration No. 20,286; and Archie W. Umphlett, Registration No. 25,935, each attorney a member of the Bar of the State of Oklahoma or the District of Columbia; my representatives with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

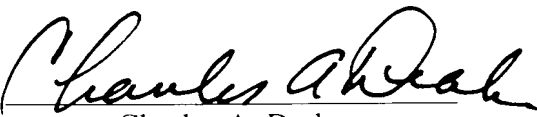
I declare further that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of this application or any patent issuing thereon.

Wherefore I pray that Letters Patent be granted to Phillips Petroleum Company, a corporation organized and existing under the laws of the State of Delaware and domiciled and having an office at Bartlesville, Oklahoma, as assignee, for the invention or discovery described and claimed in the foregoing specification and claims, and I hereby subscribe my name to the foregoing specification and claims, declaration, power of attorney and this petition.

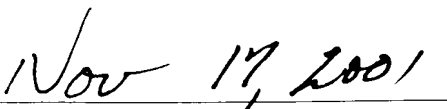
Correspondence Address:

c/o **RICHMOND, HITCHCOCK,  
FISH & DOLLAR  
P.O. Box 2443  
Bartlesville, Oklahoma 74005**

Inventor

  
Charles A. Drake

Date



**DECLARATION, POWER OF ATTORNEY, AND PETITION**

To The Commissioner of Patents and Trademarks:

I, An-hsiang Wu, declare:

that I am a citizen of the United States of America residing at 4723 Brook Shadow Drive, Kingwood, Texas 77345 and having a post office address of 4723 Brook Shadow Drive, Kingwood, Texas 77345;

that I have reviewed and understand the contents of the attached specification and claims and I verily believe I, Joseph E. Bares and Charles A. Drake are the original, first, and joint inventors or discoverers of the invention or discovery in **HYDRODESULFURIZATION CATALYST AND PROCESSES THEREFOR AND THEREWITH** described and claimed therein and for which a patent is sought;

I acknowledge my duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37 Code of Federal Regulations § 1.56;

and I hereby appoint Jeffrey R. Anderson, Registration No. 42,263; Ryan N. Cross, Registration No. 33,861; Beverly M. Dollar, Registration No. 32,870; John M. Fish, Jr., Registration No. 25,863; Gary L. Haag, Registration No. 35,529; Lynda S. Jolly, Registration No. 32,736; and Allen W. Richmond, Registration No. 28,662; who comprise the firm of **Richmond, Hitchcock, Fish & Dollar, P. O. Box 2443, Bartlesville, Oklahoma, 74005**, Registration No. 20,286; and Archie W. Umphlett, Registration No. 25,935, each attorney a member of the Bar of the State of Oklahoma or the District of Columbia; my representatives with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

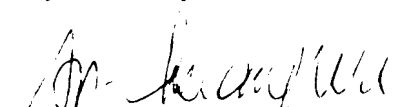
I declare further that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of this application or any patent issuing thereon.

Wherefore I pray that Letters Patent be granted to Phillips Petroleum Company, a corporation organized and existing under the laws of the State of Delaware and domiciled and having an office at Bartlesville, Oklahoma, as assignee, for the invention or discovery described and claimed in the foregoing specification and claims, and I hereby subscribe my name to the foregoing specification and claims, declaration, power of attorney and this petition.

Correspondence Address:

c/o **RICHMOND, HITCHCOCK,  
FISH & DOLLAR  
P.O. Box 2443  
Bartlesville, Oklahoma 74005**

Inventor

  
An-hsiang Wu

Date

10-25-2001